

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1	10/826176	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 14:33
2	BRS	L2	0	1 and (alignm\$4 near7 key\$2) and key\$2	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 14:34
3	BRS	L3	1	1 and (alignm\$4 near7 key\$2) and key\$2	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 14:54
4	BRS	L4	1	("20030201462").pn.	US- PGPUB; USPAT	2007/05/30 14:44
5	BRS	L5	1	4 and align\$5	US- PGPUB; USPAT	2007/05/30 14:44
6	BRS	L6	1	1 and (alignm\$4 near7 key\$2) same (activ\$3 laser\$3 emit\$4 ld\$1 receiv\$4 detect\$4 pd\$1 photo diod\$2 photod\$7)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:34
7	BRS	L7	0	1 and (rods near7 protrud\$4 near7 substrat\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:31

	Type	L #	Hits	Search Text	DBs	Time Stamp
8	BRS	L8	1	4 and (alignm\$4) same (activ\$3 laser\$3 emit\$4 ld\$1 receiv\$4 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:37
9	BRS	L9	1	4 and (alignm\$4) same (activ\$3 laser\$3 emit\$4 ld\$1 receiv\$4 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2) and (transmi\$5 receiv\$4 transceiv\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:39
10	BRS	L10	1	4 and (alignm\$4) same (activ\$3 laser\$3 emit\$4 ld\$1 receiv\$4 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2) and (optoelectron\$4 same (transmi\$5 receiv\$4 transceiv\$4))	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:43
11	BRS	L11	1	4 and (alignm\$4) same (activ\$3 laser\$3 emit\$4 ld\$1 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2) and (optoelectron\$4 same (transmi\$5 receiv\$4 transceiv\$4))	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:50
12	BRS	L12	1	4 and (alignm\$4) same (OE activ\$3 laser\$3 emit\$4 ld\$1 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2) and (optoelectron\$4 same (transmi\$5 receiv\$4 transceiv\$4))	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:51

	Type	L #	Hits	Search Text	DBs	Time Stamp
13	BRS	L13	1	4 and (alignm\$4) same (OE activ\$3 laser\$3 emit\$4 ld\$1 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2) and (optoelectron\$4 same (transmi\$5 receiv\$4 transceiv\$4)) and substrat\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 15:52
14	BRS	L14	1	4 and (alignm\$4) same (vsel\$1 OE activ\$3 laser\$3 emit\$4 ld\$1 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2) and (optoelectron\$4 same (transmi\$5 receiv\$4 transceiv\$4)) and substrat\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 16:32
15	BRS	L15	1	4 and (align\$5) same (optoelectron\$4 vsel\$1 OE activ\$3 laser\$3 emit\$4 ld\$1 detect\$4 pd\$1 photo diod\$2 photod\$7 sourc\$2) and (optoelectron\$4 same (transmi\$5 receiv\$4 transceiv\$4)) and substrat\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 16:47
16	BRS	L16	1	4 and (vsel\$1 activ\$3 laser\$3 emit\$4 ld\$1 sourc\$2) and ((OE optoelectron\$4) near12 (transmi\$5 receiv\$4 transceiv\$4)) and (lens\$4 microlens\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 16:50
17	BRS	L17	1	4 and (vsel\$1 activ\$3 laser\$3 emit\$4 ld\$1 sourc\$2) same (lens\$4 microlens\$4) and ((OE optoelectron\$4) near12 (transmi\$5 receiv\$4 transceiv\$4))	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 16:52

	Type	L #	Hits	Search Text	DBs	Time Stamp
18	BRS	L18	1	4 and (vsel\$1 activ\$3 laser\$3 emit\$4 ld\$1 sourc\$2) same (lens\$4 microlens\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 16:54
19	BRS	L19	1	4 and (vsel\$1 activ\$3 laser\$3 emit\$4 ld\$1 sourc\$2) same (lens\$4 microlens\$4) and (vsel\$1 activ\$3 laser\$3 emit\$4 ld\$1 sourc\$2) and (lens\$4 microlens\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 16:55
20	BRS	L20	1	4 and (vc sel\$1 activ\$3 laser\$3 emit\$4 ld\$1 sourc\$2) same (lens\$4 microlens\$4) and (vsel\$1 activ\$3 laser\$3 emit\$4 ld\$1 sourc\$2) and (lens\$4 microlens\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/30 16:56

	Type	Ref #	Hits	Search Text
1	BRS	S1	1	10/826176
2	BRS	S2	1	S1 and (substr\$4 same lens\$4 same pad\$2 same lines same keys)
3	BRS	S3	4	("6641310" "5917976" "6375512" "6536957").pn.
4	BRS	S4	2	S3 and (conduct\$4 wir\$4 lines pad\$1) and (lens\$3 microlens\$3 laser sourc\$2 detect\$4 photod\$3 photo photodetect\$5)
5	BRS	S5	0	S3 and (conduct\$4 wir\$4 lines pad\$1) and (lens\$3 microlens\$3 laser sourc\$2 detect\$4 photod\$3 photo photodetect\$5) and (ic intergrated near2 circuit\$2)
6	BRS	S6	2	S3 and (conduct\$4 wir\$4 lines pad\$1) and (lens\$3 microlens\$3 laser sourc\$2 detect\$4 photod\$3 photo photodetect\$5) and (ic intergrated near2 circuit\$2 chip\$1)
7	BRS	S7	2	S3 and (conduct\$4 wir\$4 lines pad\$1) same (lens\$3 microlens\$3 laser sourc\$2 detect\$4 photod\$3 photo photodetect\$5) and (ic intergrated near2 circuit\$2 chip\$1)
8	BRS	S8	1	S3 and (conduct\$4 wir\$4 lines pad\$1) same (lens\$3 microlens\$3) and (emit\$4 laser sourc\$2 detect\$4 photod\$3 photo photodetect\$5) and (ic intergrated near2 circuit\$2 chip\$1)
9	BRS	S9	1	S3 and (conduct\$4 wir\$4 lines pad\$1) same (lens\$3 microlens\$3)
10	BRS	S10	4	S3 and (conduct\$4 wir\$4 lines pad\$1 lens\$3 microlens\$3)
11	BRS	S11	1	S9 and (conduct\$4 wir\$4 lines pad\$1 lens\$3 microlens\$3)
12	BRS	S12	1	S3 and ((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) same (lens\$3 microlens\$3) and (((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) (lens\$3 microlens\$3)) same substrat\$4

	DBs	Time Stamp
1	US-PGPUB; USPAT; EPO; JPO; DERWENT	2007/05/30 14:33
2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 15:44
3	US-PGPUB; USPAT	2006/04/26 15:46
4	US-PGPUB; USPAT	2006/04/26 15:53
5	US-PGPUB; USPAT	2006/04/26 16:35
6	US-PGPUB; USPAT	2006/04/26 16:07
7	US-PGPUB; USPAT	2006/04/26 16:08
8	US-PGPUB; USPAT	2006/04/26 16:11
9	US-PGPUB; USPAT	2006/04/26 18:10
10	US-PGPUB; USPAT	2006/04/26 16:12
11	US-PGPUB; USPAT	2006/04/26 16:12
12	US-PGPUB; USPAT	2006/04/26 16:30

	Type	Ref #	Hits	Search Text
13	BRS	S13	1	S1 and ((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) same (lens\$3 microlens\$3) and (((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) (lens\$3 microlens\$3)) same substrat\$4
14	BRS	S14	1	S3 and ((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) same (lens\$3 microlens\$3) same (((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) (lens\$3 microlens\$3)) same substrat\$4
15	BRS	S15	1	S1 and ((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) same (lens\$3 microlens\$3) same (((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) (lens\$3 microlens\$3)) same substrat\$4
16	BRS	S16	3561	((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) same (lens\$3 microlens\$3) same (((conduct\$4 electr\$4) near4 lines wir\$4 pad\$1) (lens\$3 microlens\$3)) same substrat\$4
17	BRS	S17	129273	driv\$4 same (chip\$1 ic intergrated near2 circuit\$2)
18	BRS	S18	0	S8 and S17
19	BRS	S19	0	S8 and driv\$4
20	BRS	S20	1	S8 and engin\$4
21	BRS	S22	733712	(control\$4 driv\$4 process\$4 cpu) same (emit4 laser\$1 sourc\$2 detect\$4 photod\$3 photo photodetect\$5 chip\$1 ic intergrated near2 circuit\$2) same (pcb pc carr\$4 substr\$4 board\$1)
22	BRS	S23	38797	align\$5 same (emit4 laser\$1 sourc\$2 detect\$4 photod\$3 photo photodetect\$5) same substrat\$4
23	BRS	S24	47457	(align\$5 same optic\$4).ab.
24	BRS	S25	23	S16 and S17 and S22 and S23 and S24

	DBs	Time Stamp
13	US-PGPUB; USPAT	2006/04/26 16:31
14	US-PGPUB; USPAT	2006/04/26 16:31
15	US-PGPUB; USPAT	2006/04/26 16:32
16	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 18:54
17	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 17:14
18	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 16:38
19	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 16:38
20	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 16:38
21	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 16:53
22	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 17:11
23	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 17:11
24	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 17:16

	Type	Ref #	Hits	Search Text
25	BRS	S26	18	S25 and (lenses microlenses (lens\$4 microlens\$4) near2 (plural\$4 array\$3))
26	BRS	S27	17	S26 and (circuit\$3 board\$2)
27	BRS	S28	5	("20040022487" "20030201462" "20020105699" "6690845" "6636653").pn.
28	BRS	S29	3	S28 and (align\$5 near14 (pin\$1 mark\$4 rod\$1 key\$1))
29	BRS	S30	1	("20030201462").pn.
30	BRS	S32	1	S31 and (conduct\$4 electr\$4 lines wir\$4 pad\$1 lens\$3 microlens\$3)
31	BRS	S33	1	S30 and S16
32	BRS	S34	1	S31 and (conduct\$4 electr\$4 lines wir\$4 pad\$1 lens\$3 microlens\$3) and (align\$5 near14 (pin\$1 mark\$4 rod\$1 key\$1))
33	BRS	S35	1	("20030201462").pn.
34	BRS	S36	1	S35 and (transparen\$4 translu\$4 glass\$2 prism\$1 sio\$2)

	DBs	Time Stamp
25	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 17:18
26	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 18:09
27	US-PGPUB; USPAT	2006/04/26 18:54
28	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 19:10
29	US-PGPUB; USPAT	2006/04/26 18:54
30	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 19:11
31	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 18:59
32	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/04/26 19:11
33	US-PGPUB; USPAT	2006/04/27 11:18
34	US-PGPUB; USPAT	2006/04/27 11:19